

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A vascular attachment device for sealing an opening between two blood conduit lips, comprising:

at least one clip element adapted for sealing at least a portion of an opening between two blood conduit lips, wherein said clip distorts plastically to effect said seal; and

at least one puller adapted for pulling, inside the body, at least one of said lips into said clip element; and

a delivery system comprising a contra element and a pressure element, which two elements compress said clip between them.

2. (Cancelled)

3. (Previously presented) A device according to claim 1, wherein said puller is adapted to remain in a body after use.

4. (Previously presented) A device according to claim 1, wherein said puller is adapted to penetrate said lip.

5. (Previously presented) A device according to claim 1, wherein said puller is adapted to transfix said lip.

6. (Previously presented) A device according to claim 1, wherein said at least one clip comprises a plurality of clips cooperating to seal said opening.

7. (Previously presented) A device according to claim 6, wherein said plurality of clips are not connected to each other.

8. (Previously presented) A device according to claim 6, wherein said plurality of clips are interconnected.

9. (Previously presented) A device according to claim 8, wherein said plurality of clips are flexibly interconnected.

10. (Cancelled)

11. (Previously presented) A device according to claim 10, wherein said clip comprises two arms that bend towards each other to effect said seal.

12-13. (Cancelled)

14. (Previously presented) A device according to claim 10, wherein said clip self-distorts.

15. (Previously presented) A device according to claim 14, comprising a delivery system comprising a restraining element adapted to selectively release said clip, to self distort.

16. (Previously presented) A device according to claim 1, wherein said clip comprises barbs, for engaging said lips.

17. (Previously presented) A device according to claim 1, wherein said clip comprises protrusions, for engaging said lips.

18. (Previously presented) A device according to claim 1, wherein said clip is adapted to seal said lips against each other.

19. (Previously presented) A device according to claim 1, wherein said clip is adapted to seal said lips against a part of said clip.

20. (Previously presented) A device according to claim 1, wherein said clip compresses said lips, to effect said seal.

21. (Previously presented) A device according to any of claims 1-20, wherein said lips are lips of two different conduits.

22. (Previously presented) A device according to any of claims 1-20, wherein at least one of said conduits is an in vivo blood vessel.

23. (Previously presented) A device according to any of claims 1-20, wherein at least one of said conduits is a synthetic graft.

24. (Withdrawn) A guided punch, comprising:
a sharp, extendible guide wire; and
a hollow punch mechanism adapted to ride on the guide wire, wherein said guide wire is adapted to extend from said punch, wherein said punch is adapted for

injection of contrast material inside of said hollow of said punch mechanism.

25. (Withdrawn) A delivery system for an anastomosis connector, comprising:

a body including a handle for applying force;

a connector holder area defined at a distal end of said body and adapted for holding an anastomosis connector, wherein said force is transferred to said area for deploying said connector;

a non-limp geometry changing elongate section bridging between said body and said area; and

a flexible cable for transferring said force between said handle and said area.

26. (Withdrawn) Hole forming apparatus for forming an opening in a blood vessel, comprising:

a base section defining an inner lumen, said inner lumen being adapted to engage blood vessel tissue; and

at least one cutting surface defined on said base section and adapted to cut through a wall of said blood vessel.

27. (Withdrawn) Apparatus according to claim 26, wherein said adaptation comprises an inner threading.

28. (Withdrawn) Hole forming apparatus for forming a hole in a blood vessel, comprising:

a penetration head having a tip adapted to penetrate a blood vessel wall and defining an axial lumen; and

a tip protector configured to pass through said lumen and protect said tip from damaging the blood vessel after said penetration.

29. (Withdrawn) Apparatus according to claim 28, wherein said tip protector comprises a control for manually positioning said tip protector to selectively protect said tip.